

Institute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet	1	of	2	Complete If Known	
				Application Number	10/713,777
				Filing Date	November 13, 2003
				First Named Inventor	Nakagawa, Shigeru
				Art Unit	2633 3663
				Examiner Name	Unassigned <u>DIACOL, ART M.</u>
				Attorney Docket Number	089992-000000US

U.S. PATENT DOCUMENTS+

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
<i>[Signature]</i>	1	US-5,004,447	04-02-1991	Soref	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
<i>[Signature]</i>	2	EP	0455347		11-6-1991			<input type="checkbox"/>
<i>[Signature]</i>	3	EP	0857996		8-12-1998			<input type="checkbox"/>
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Examiner
SignatureDate
Considered

11-5-2005

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete If Known	
		Application Number	10/713,777
		Filing Date	November 13, 2003
		First Named Inventor	Nakagawa, Shigeru
		Art Unit	2633 3663
		Examiner Name	Unassigned DIACOU, Ari M.
Sheet 2	of 2	Attorney Docket Number	089992-000000US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>[Signature]</i>	4	Glastere G. et al. "Monolithic Integration of 2X Switch and Optical Amplifier with O DB Fibre to Fibre Insertion Loss Grown by LP-MOCDVD" Electronics Letters, IEE Stevenage, GB, vol. 29, no.1, pages 124-126, January 7, 1993	
<i>[Signature]</i>	5	Kohtoku m et al. "High-Speed Ingaalas-Inaalas MQW Directional Coupler Waveguide Switchmodules Integrated With A Spotsizes Converter Having a Lateral Taper, Thin-Film Core, and Ridge" Journal of Lightwave Technology, IEEE, New York, US. vol. 18, no. 3, pages 360-369 March 2000.	
<i>[Signature]</i>	6	Nagai S et al. "Ingaasp/Inp Multi-Mode Interference Photonic Switches for Monolithic Photonic Integrated Circuits" Japanese Journal of Applied Physics, Publication Office Japanese Journal of Applied Physics. Tokyo, Japan vol. 38, no. 2B Part 1, pages 1269-1272, February 1999	

Examiner Signature	<i>[Signature]</i>	Date Considered	11-5-2005
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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			Application Number	Unassigned 10/713777	
			Filing Date	Herewith 11-13-2003	
			First Named Inventor	Nakagawa, Shigeru et al.	
			Art Unit	Unassigned 3663	
Examiner Name	Unassigned DIACOU, Ari M.				
Sheet	1	of	1	Attorney Docket Number	089992

U.S. PATENT DOCUMENTS*					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
	AA	US-			
	AB	US-			
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	AD	US-			
	AE	US-			
	AF	US-			
	AG	US-			
	AH	US-			
	AI	US-			
	AJ	US-			
	AK	US-			
	AL	US-			

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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
<i>AM</i>	AM	JP	2003-163406		06/06/03	Takanorii		<input type="checkbox"/>
	AN							<input type="checkbox"/>
	AO							<input type="checkbox"/>
	AP							<input type="checkbox"/>
	AQ							<input type="checkbox"/>
	AR							<input type="checkbox"/>
	BA							<input type="checkbox"/>
	BB							<input type="checkbox"/>

Examiner Signature	<i>[Signature]</i>	Date Considered	11-5-2005
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